

## **POOR LEGIBILITY**

**ONE OR MORE PAGES IN THIS DOCUMENT ARE DIFFICULT TO READ  
DUE TO THE QUALITY OF THE ORIGINAL**

PA REPORT CHECKLIST

4716

Site Name: Jalk Fee/Mobil Lease Property EPA ID#: CA0 000 024 554

SFUND RECORDS CTR  
2378086

- ☒ 1. Cover Memorandum to EPA
- ☒ 2. Transmittal List
- ☒ 3. HRS Scoresheet Packet, including Rationale
- ☒ 4. PA Report, which includes a Site Location Map and Site Layout Map
- ☒ 5. EPA Region 9 Remedial Site Assessment Decision Form
- ☒ 6. Appendix A, Reference List
- ☒ 7. Appendix B, Photographic Documentation: None
- ☒ 8. Appendix C, Contact Log
- ☒ 9. Appendix D, Contact Reports
- ☒ 10. Appendix E, Site Reconnaissance Interview and Observation Report: None
- ☒ 11. EPA Potential Hazardous Waste Site Preliminary Assessment Form
- ☒ 12. Latitude and Longitude Calculations Worksheet
- ☒ 13. References (refer to *Guidelines for References*, Copying Referenced Materials, in Section 30 of the *Reference Handbook for the Site Assessment Project*)
- ☒ 14. EPA CERCLA Eligibility Questionnaire (not submitted to EPA - stays in State/contractor files)

Review conducted by: *Van Fisher*

4716

## Memorandum

To: Rachel Loftin, U.S. EPA, Region IX  
Subject: Complete Work  
Date: May 17, 1999

Attached is the following completed document:

PA X SI \_\_\_\_\_ Other \_\_\_\_\_

Site Name: Jalk Fee Mobil Lease Property

EPA ID: CA0 000 024 554

City, County, State: Santa Fe Springs, Los Angeles,  
California

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### For EPA Use Only

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

CERCLIS Data Changes: PA-1 Complete = "H"

EPA Decision: \_\_\_\_\_

Archive Site: \_\_\_\_\_ yes ✓ no

If yes, is another program involved? \_\_\_\_\_ yes \_\_\_\_\_ no

Other program(s): \_\_\_\_\_

Lead Agency: S

Approval by Site Assessment Manager: Robtini

Sign-Off Date: 6.15.99

Document Screening Coordinator: Ann Fisher

Chief, States, Planning, and Assessment Office: Betsy Curran

RM 7-7-99

REGION 9 SUPERFUND SITE ASSESSMENT PROGRAM ROUTING SLIP FOR STATE AND CONTRACTOR REPORTS		
NAME/MAIL CODE	INITIALS	DATE
<b>SITE ASSESSMENT MANAGER (SFD-5)</b>  Please mark the contents in the package:  _____ Site Assessment Report  _____ HRS Scoresheets and Rationale  _____ EPA Potential Hazardous Waste Site PA Form  _____ Archive Memo to File  _____ Sample Plan and Analytical Results	/	
Document Screening Coord.: <del>Philip Armstrong</del> (SFD-5) ANN FICHER		
Section Chief: _____ Betsy Curnow (SFD-5)	BC	7/2
Document Screening Coord.: <del>Philip Armstrong</del> (SFD-5) ANN FICHER	AF	JUL 02 1999
ISSI: <del>Vantram Tonn</del> (SFD-2) JO DELEON	RM	
Superfund Records Center: Barbara Chertowsky	BC	JUL 08 1999



# REMEDIAL SITE ASSESSMENT DECISION - ENVIRONMENTAL REGION IX

Site Name: Jalk Fee/Mobil Lease Property

EPA ID #: CA0 000024554

Alias Site Names: \_\_\_\_\_

City: Santa Fe Springs

County or Parish: Los Angeles

State: California

Refer to Report Dated: \_\_\_\_\_

Report Type: Preliminary Assessment

Report developed by: Joseph Cully

## DECISION:

1. Further Remedial Site Assessment under CERCLA (Superfund) is **not** required because:

- ☐ 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Action - NFA) and:
- ☐ EPA is retaining this site in CERCLIS because the Federal Superfund program still has an interest in the site.
- ☐ EPA is archiving this site in CERCLIS because it does not warrant Federal Superfund action, or an appropriate Federal Superfund response action has been completed. This means that EPA believes no further Federal Superfund response is appropriate. Archived sites may be returned to the CERCLIS site inventory if new information necessitating further Federal Superfund consideration is discovered.

☐ 1b. Site may qualify for further action, but is deferred to: ☐ RCRA ☐ NRC ☒ RWQCB

☒ 2. Further Assessment Needed Under CERCLA 2a.(Optional) Priority: ☐ Higher ☐ Lower

2b. Activity Type:

- ☐ PA ☒ SI ☐ ESI ☐ HRS Evaluation  
☐ Other \_\_\_\_\_

## DISCUSSION/RATIONALE:

Groundwater under the site is contaminated with VOCs which may be part of a regional groundwater plume. Levels of TCE in groundwater are significantly higher under this site than at <sup>known</sup> upgradient sources 2 to 3 miles away indicating a distinct nearby or onsite source.

Report Reviewed,  
 Approved and Site  
 Decision Made by:

RLA/fin

Signature:

RLA/fin

Date:

6-15-99

4716

## **Preliminary Assessment**

**Site:** Jalk Fee/Mobil Lease Property  
10607 Norwalk Boulevard  
Santa Fe Springs, California 90670

**Site EPA ID Number:** CA0 000 024 554

**Work Assignment Number:** 60-15-9J00, ARCSWEST Program

**Submitted to:** Rachel Loftin  
Work Assignment Manager  
EPA Region IX

**Date:** May 17, 1999

**Prepared by:** Joseph Cully

**Review and Concurrence:** Greg Holmes

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## 1.0 INTRODUCTION

The U.S. Environmental Protection Agency (EPA), Region IX, under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA), has tasked the California Department of Toxic Substances Control (DTSC) to conduct a preliminary assessment (PA) of the **Jalk Fee/Mobil Lease Property (Jalk Fee) Site in Santa Fe Springs, Los Angeles County, California.**

The purpose of the PA is to review existing information on the site and its environs to assess the threat(s), if any posed to public health, welfare, or the environment and to determine if further investigation under CERCLA/SARA is warranted. The scope of the PA includes the review of information available from federal, state, and local agencies and performance of an onsite reconnaissance visit.

Using these sources of existing information, the site is then evaluated using the EPA's Hazard Ranking System (HRS) criteria to assess the relative threat associated with actual or potential releases of hazardous substances at the site. The HRS has been adopted by the EPA to help set priorities for further evaluation and eventual remedial action at hazardous waste sites. The HRS is the primary method of determining a site's eligibility for placement on the National Priorities List (NPL). The NPL identifies sites at which the EPA may conduct remedial response actions. This report summarizes the findings of these preliminary investigative activities.

Jalk Fee was identified as a potential hazardous waste site and entered into the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) on October 13, 1993/ (CA0 000 024 554). The site was entered into CERCLIS based on soil and groundwater sampling performed by Woodward-Clyde, McLaren-Hart, and Levine-Fricke from 1988 to 1994.

### 1.1 Apparent Problem

The apparent problems at the site are as follows:

- Groundwater is present beneath the Site at depths ranging from 62 to 67 feet below ground surface (bgs.). Maximum concentrations of 2,200  $\mu\text{g./kg.}$  Tetrachloroethylene (PCE) and 180  $\mu\text{g./kg.}$  Trichloroethylene (TCE) were detected in the groundwater (the maximum contamination limit (MCL) for each of these substances is 5  $\mu\text{g./kg.}$ ) Also, up to 7  $\mu\text{g./kg.}$  1,1-dichloroethylene (1,1-DCE) was detected in the groundwater (the MCL for this substance is 7  $\mu\text{g./kg.}$ ). Based on studies performed by Alton Geoscience, it is likely that these contaminants in the groundwater are affected by Continental Heat Treat, a facility which borders the site to the south (7).

- The soil on the Site also contained high concentrations of TCE and PCE. In June, 1988, Alton Geoscience removed approximately 2,600 tons of soil from this Site. No confirmation sampling was performed, however, because Alton believes that they excavated all soil that could have possibly been contaminated based on an October, 1997 Remedial Action Plan (9).

## **2.0 SITE DESCRIPTION**

### **2.1 Location**

Jalk Fee is located at 10607 Norwalk Boulevard, Santa Fe Springs, California. The geographic coordinates for the site are 33° 56' 21.0" North latitude and 118° 03' 37.0" West longitude (Township 3 South, Range 11 West, Section 6, San Bernardino Baseline and Meridian (SBM), USGS, Whittier Quadrangle, 7.5-minute Series, 1974). The location of the site is shown in Figure 2-1.

### **2.2 Site Description**

The site occupies approximately 8.8 acres of undeveloped land in an industrial area. It is located in the southwest portion of the Santa Fe Springs oil field, which is an active oil field, is bordered on the south by Continental Heat Treat and on the east by Norwalk Boulevard. The layout for this site is shown in Figure 2-2 (7).

### **2.3 Operational History**

This Site has been used for oil production from the 1920s to the present. The current tenant, Hathaway Company, has conducted oil production activities since the 1980s. The Mobil Foundation, a non-profit subsidiary of Mobil Corporation which contributes to charitable causes, is the owner and Hathaway Company, which leases this property from the Mobil Foundation, is the operator. Current and previous site structures include the following:

- Four oil production wells: three along the northern property boundary and one along the southern property boundary, are present at the Site. The one along the southern property boundary is the only one that is active. Five additional oil production wells were previously abandoned.
- A tank battery consisting of six above ground tanks is located in the northwest corner of the site.
- Eight former sumps (mud pits) associated with oil drilling and production have been observed in historic aerial photographs.
- From approximately 1920 to 1942, a small oil refuse area (boneyard area) used for the storage of metal objects was present in the southwest portion of the property.
- In the late 1920s and early 1930s, above-ground storage tanks were located in the southeast portion of the property.

Trucking operations were performed in the central portions of the site. The dates of those activities are unknown. The northeastern portion of the site was, at one time, leased to a company that used solvents. The dates and details of that activity are also unknown.

Adjacent properties have been developed for industrial and commercial use. The Continental Heat Treating, Inc. facility, which has been operating adjacent to the southeastern property boundary of the Site since 1969, used tetrachloroethylene (PCE) for business operations (7, 28).

## **Figure 2-1 Site Location**



1 MILE 3/4 1/2 1/4 0 1 MILE

SCALE 1:24,000

#### SOURCE:

United States Geological Survey  
5 Minute Topographic Map:  
Whittier Quadrangle

**ALTON  
GEOSCIENCE**  
Irvine, California



QUADRANGLE  
LOCATION

#### VICINITY MAP

Mobil Jalk Fee Property  
10607 Norwalk Boulevard  
Santa Fe Springs, California

**FIGURE 1**

## Figure 2-2 Site Layout

N

BUILDING

EQUIPMENT  
STORAGE AND  
MAINTENANCE  
AREA

BUILDING

BERM

FORMER  
BIOREMEDIATION CELL #1

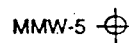
AREA OF FIGURES  
4,5,7,8,9,10,11,12  
and 15

BERM

ORAGE & REPAIR AREA

CONTINENTAL HEAT TREATING, INC.

### LEGEND



Monitoring Well



Operational Oil Well



Chainlink Fence



Gate

SCALE (FEET)



0 100 200

Source:

Modified from a map created by  
McLaren-Hart

### SITE PLAN

Mobil Jalk Fee Property  
10607 Norwalk Boulevard  
Santa Fe Springs, California

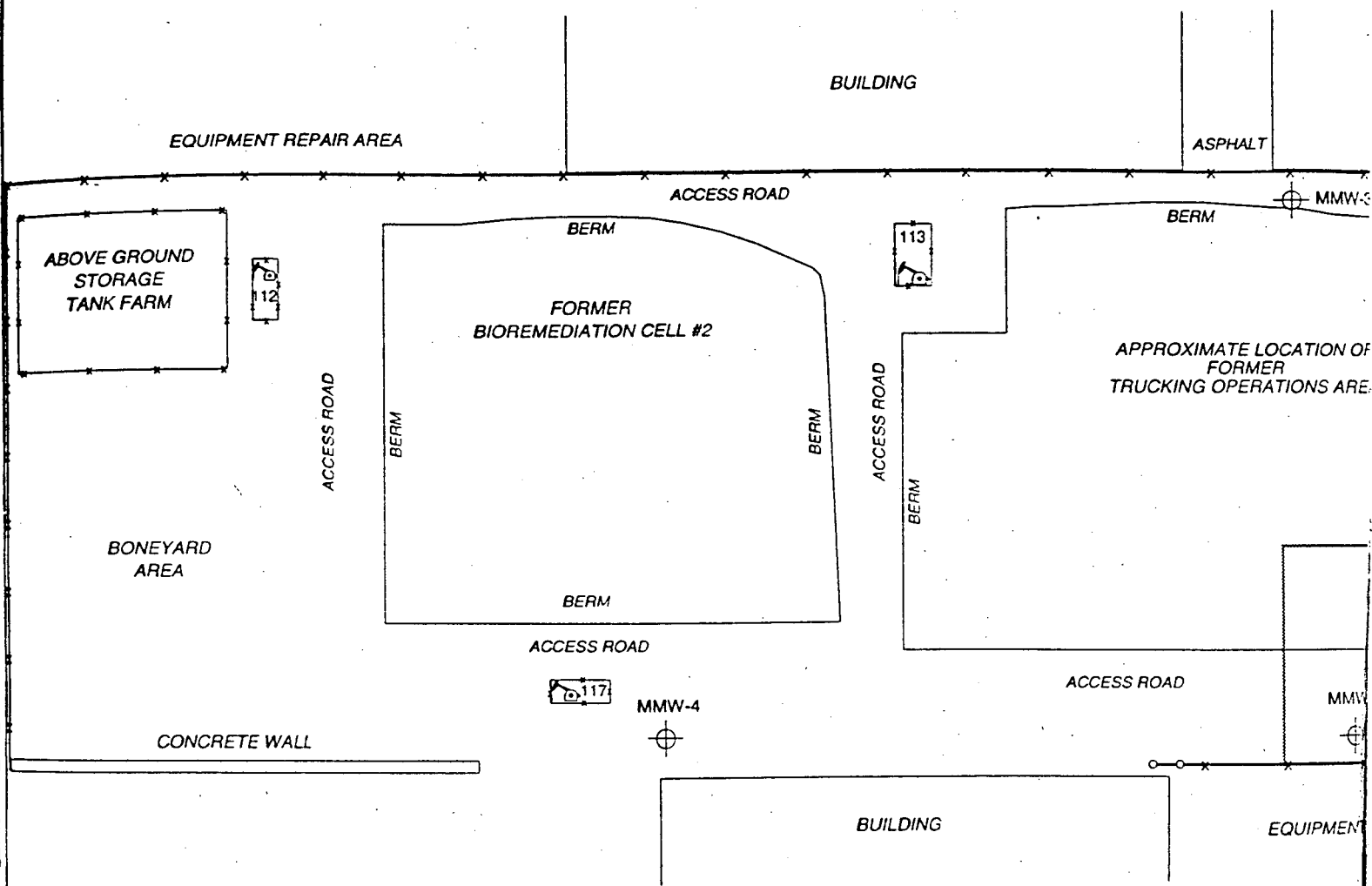


**ALTON  
GEOSCIENCE**  
Irvine, California

**FIGURE 2**

23-0134 SITE 10/8/97 tk





## **2.4 Regulatory Involvement**

In 1996, the site entered into a Voluntary Cleanup Agreement with DTSC regarding a portion of the site which was 150 feet by 150 feet, was located in the southwest corner of the property, and was formerly known as the "boneyard".

On December 23, 1996, DTSC wrote a letter stating that this portion of the site had been cleaned up to satisfactory levels, and that DTSC would take no further action. However, this only pertained to the boneyard section, and did not prevent DTSC from taking action regarding the remainder of the site (6).

On February 11, 1998, David R. Klunk, Director of Environmental Services for the city of Santa Fe Springs, referred this site, along with Continental Heat Treat, to DTSC and the California Regional Water Quality Control Board (RWQCB) (8).

On March 1, 1999, RWQCB sent a letter to Alton Geoscience, stating that the soil at this site had been remediated although they needed to continue with the groundwater monitoring and reporting program (25). This was based on the oversight of Alton's cleanup activities (7 and 9) which were overseen by Manjulika Chakrabarti of RWQCB (24).

Currently, a team consisting of the following people from DTSC, RWQCB, and U.S. EPA are all involved in a project whereby the groundwater is being analyzed and remediated in the City of Santa Fe Springs:

DTSC: Sayareh Amirebrahimi, Nancy Carder, Shahir Haddad, and Andres Cano.

RWQCB: John Geroch.

U.S. EPA: Craig Cooper (13).

Until recently, Keith Elliot of RWQCB was also with this team, but he is no longer with RWQCB (27).

## **3.0 HAZARD RANKING SYSTEM FACTORS**

### **3.1 Sources Of Contamination**

TCE, PCE, and 1,1-DCE have been found in high concentrations in the groundwater. Based on studies of past site activities and sampling performed by Alton Geoscience, this contamination may be due to past and present activities at Continental Heat Treat rather than Jalk Fee (7 and 9).

### **3.2 Groundwater Pathway**

The first regional groundwater-bearing zone is the Exposition Aquifer, which is first encountered at approximately 60 feet below ground (fbg.). The second regional aquifer is the Gage Aquifer, first encountered at approximately 110 fbg. The upper 100 feet of sediments consist predominantly of permeable sands, although the upper 15 feet of sediments have a higher silt and clay content and lower permeability (7). There are 44 drinking-water wells within a 4-mile radius of this site, which serve approximately 250,00 people (3).

### **3.2.1 Hydrogeological Setting.**

The Santa Fe Springs Oil Field is located on the Santa Fe Springs plain, which is part of the Montebello Forebay non-pressure area of the Central Basin. Groundwater is found throughout the region under unconfined conditions in the Recent Alluvium and in the underlying Exposition Aquifer.

The groundwater wells which were sampled, and in which the hazardous substances contamination was found, was in the Exposition Aquifer. Although it is not known for sure at this time whether or not there is contamination in the Gage-Gardena Aquifer, which is a major source of drinking water, there is interconnection between the Exposition and both the Gage-Gardena and the Hollydale aquifers within 2 miles of the site. The Hollydale Aquifer is also a major source of drinking water for the Santa Fe Springs area (26 and 27).

Significant hydrologic features in the area include the San Gabriel River, which flows approximately north-south along the western edge of the city. There are also two extensive water spreading grounds/percolation basins approximately 1 to 2.5 miles northwest of the city limits. These features will act as groundwater recharge, or "mounding" areas, thus inducing groundwater flow away from them (7).

### **3.2.2 Groundwater Targets.**

The nearest drinking water well is **Well Number 1625-N**. This well is operated by the City of Santa Fe Springs, and is located approximately two-thirds of a mile northwest of the Jalk Fee property, at the intersection of Telegraph Road and Norwalk Boulevard (3 and 7).

The City of Santa Fe Springs operates a blended drinking water system that consists of 3 wells that serve approximately 15,000 people. Currently, the City of Santa Fe Springs obtains 50% of its drinking water from groundwater and 50% from surface water. No well contributes greater than 40 percent to the system. All 3 of the wells operated by the City of Santa Fe Springs are within 4 miles of the site (3 and 15).

The City of La Habra Heights operates a blended drinking water system that consists of 4 wells that serve approximately 5,000 people. Currently, the City of La Habra Heights obtains 99% of its drinking water from groundwater and 1% from surface water. No well contributes greater than 40 percent to the system. All 4 of the wells operated by the City of La Habra Heights are within 4 miles of the site (3 and 16).

The Southern California Water Company operates a blended drinking water system that consists of 6 wells that serve approximately 36,000 people. Currently, the Southern California Water Company obtains 60% of its drinking water from groundwater and 40% from surface water. No well contributes greater than 40 percent to the system. All 6 of the wells operated by the Southern California Water Company are within 4 miles of the site (3 and 21).

The City of Pico Rivera operates a blended drinking water system that consists of 8 wells that serve approximately 36,500 people. Currently, the City of Pico Rivera obtains 50% of its drinking water from groundwater and 50% from surface water. No well contributes greater than 40 percent to the system. All 8 of the wells operated by the City of Pico Rivera are within 4 miles of the site (3 and 18)..

Laurence McGee School operates a well that serves approximately 500 people. Currently, Laurence McGee School obtains all of its drinking water from groundwater. This well operated by the Laurence McGee School is within 4 miles of the site (3).

The City of Downey operates a blended drinking water system that consists of 19 wells that serve approximately 83,000 people. Currently, the City of Downey obtains all of its drinking water from groundwater. No well contributes greater than 40 percent to the system. 8 of the 19 wells operated by the City of Downey are within 4 miles of the site (3).

The City of Norwalk operates a blended drinking water system that consists of 4 wells that serve approximately 18,00 people. Currently, the City of Norwalk obtains 66% of its drinking water from groundwater and 34% from surface water. No well contributes greater than 40 percent to the system. All 4 of the wells operated by the City of Norwalk are within 4 miles of the site (3 and 17).

The Park Water Company operates a blended drinking water system that consists of 4 wells that serve approximately 60,000 people. Currently, the Park Water Company obtains 20% of its drinking water from groundwater and 80% from surface water. No well contributes greater than 40 percent to the system. All 4 of the wells operated by the Park Water Company are within 4 miles of the site (3 and 23).

The Pico Water District operates a blended drinking water system that consists of 6 wells that serve approximately 25,000 people. Currently, the Pico Water District obtains all of its drinking water from groundwater. No well contributes greater than 40 percent to the system. 2 of the 6 wells operated by the Pico Water District are within 4 miles of the site (3 and 19).

The San Gabriel Valley Water Company operates a blended drinking water system that consists of 4 wells that serve approximately 6,000 people. Currently, the San Gabriel Valley Water Company obtains all of its drinking water from groundwater. No well contributes greater than 40 percent to the system. All 4 of the wells operated by the San Gabriel Valley Water Company are within 4 miles of the site (3 and 22).

Suburban Water Systems operates a blended drinking water system that consists of 2 wells that serve approximately 52,000 people. Currently, Suburban Water Systems obtains 75% of its drinking water from groundwater and 25% from surface water. Each well contributes equally to the system. 1 of the 2 wells operated by Suburban Water Systems is within 4 miles of the site (3 and 20).

### ***3.2.3 Groundwater Pathway Conclusion.***

A total of 3 wells have been sampled on-site. Sampling of these wells has shown that the Exposition Aquifer is contaminated with hazardous substances, i.e. 1,1-DCA, PCE, and TCE. The soil in this area between ground surface and the Gage Aquifer consists predominantly of permeable sands without any known clay layer. Therefore, the potential for contamination of the deeper aquifer can be projected, although it is not known for sure at this time whether or not the Gage Aquifer is contaminated because the geologists do not want to risk contaminating it with contaminants from the Exposition Aquifer. Further, as has been previously stated, the Exposition Aquifer is interconnected with both the Gage and the Hollydale aquifers within 2 miles of the site (7, 26, and 27).

Groundwater in the vicinity of Jalk Fee occurs in two aquifers. The first is the Exposition Aquifer, which is first encountered at approximately 60 fbg., and the second is the Gage Aquifer, which is first encountered at approximately 110 fbg. Groundwater is found throughout this area under unconfined conditions in the Recent Alluvium and in the underlying Exposition Aquifer. Within the Santa Fe Springs Oil Field, the upper 100 feet of sediments consist predominantly of permeable sands, although the upper 15 feet of sediments have a higher silt and clay content and lower permeability. Therefore, there is the potential for contaminants to leach from the shallow Exposition Aquifer to the deeper Gage Aquifer (7).

The nearest drinking water well is approximately two-thirds of a mile northwest of the Site. Eleven water purveyors operate 44 drinking water wells within 4 miles of the site. These wells are part of systems that serve approximately 250,000 people (3 and 7). This drinking water is partly from the Gage Aquifer, but mostly from the Hollydale Aquifer (26 and 27).

### **3.3 Surface Water Pathway**

There are no drinking water intakes, fisheries, or sensitive environments within 2 miles of the site.

### **3.4 Soil Exposure And Air Pathway**

No residences, schools, or daycare centers are on the same property and within 200 feet of contamination associated with the site.

## **4.0 EMERGENCY RESPONSE CONSIDERATIONS**

The National Contingency Plan [40 CFR 300.415 (b) (2)] authorizes the EPA to consider emergency response actions at those sites that pose an imminent threat to human health or the environment. For the following reasons, a referral to Region IX's Emergency Response Section does not appear to be necessary:

- Currently, the site does not generate, receive, or store hazardous waste.
- The entire site is surrounded by a chain-link fence.
- The soil on site has been remediated to regulatory cleanup levels.

## **5.0 SUMMARY**

Jalk Fee is located at 10607 Norwalk Boulevard in the city of Santa Fe Springs, California, and consists of approximately 8.8 acres.

The site is now inactive, but it had been used to conduct oil production activities since the 1980s. Based on sampling activities performed by Alton Geoscience, it appears that contamination to the groundwater and the soil may have been caused by activities of adjacent Continental Heat Treat. Alton Geoscience has remediated the contaminated soil at the site, as confirmed by RWQCB.

The City of Santa Fe Springs referred this site and Continental Heat Treat to DTSC and RWQCB. A team consisting of personnel from DTSC, RWQCB, and U.S. EPA are all involved in a project whereby the groundwater in the City of Santa Fe Springs is being analyzed.

**The pertinent HRS factors associated with the Site are:**

- TCE, PCE, and 1,1-DCE have been found in high concentrations in the groundwater.
- Approximately 250,000 people are using drinking water from wells located within 4 miles of this Site.
- There are no drinking water intakes, fisheries, or sensitive environments within 2 miles of the site.
- No residences, schools, or daycare centers are on the same property and within 200 feet of contamination associated with the site. • Currently, the site does not generate, receive, or store hazardous waste.
- The entire site is surrounded by a chain-link fence.
- The soil on site has been remediated to regulatory cleanup levels.

# REMEDIAL SITE ASSESSMENT DECISION - E REGION IX

Page 1 of 1

EPA ID: CA0000024554 Site Name: JALK FEE

State ID:

4716

Alias Site Names: JALK FEE

MOBIL OIL

MOBIL OIL CORP.

City: SANTA FE SPRINGS

County or Parish: LOS ANGELES

State: CA

Refer to Report Dated:

Report Type: PRELIMINARY ASSESSMENT 001

Report Developed by:

## DECISION:

☐ 1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:

☐ 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)

☐ 1b. Site may qualify for action, but is deferred to:

☒ 2. Further Assessment Needed Under CERCLA:

2a. Priority: ☒ Higher ☐ Lower

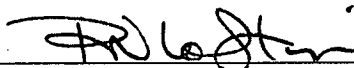
2b. Other: (recommended action) High

## DISCUSSION/RATIONALE:

Site shows high concentrations of VOCs. Although it is approximately 2 miles downgradient of the Omega Chemical NPL site, the concentrations found on-site indicate a distinct on-site source. A multi-agency workgroup has designated this a study area which is being investigated by the workgroup.

Site Decision Made by:

Signature:



Date: 06/15/1999

## **APPENDIX A**

### **REFERENCE LIST**

#### **Site: Jalk Fee/Mobil Lease Property**

1. January 12, 1997 Resource Conservation and Recovery Information System.
2. March 12, 1998 Comprehensive Environmental Response, Compensation, and Liability Information System.
3. January 8, 1999 map from U.S. EPA, based on latitude and longitude of the site, giving detailed information on drinking water wells within a 4-mile radius of the site.
4. December 21, 1993 Soil Remedial Action Plan prepared by McLaren/Hart Environmental Engineering.
5. November 15, 1994 Limited Subsurface Investigation: Tetrachloroethylene (PCE) Impacted Soil at Mobil Jalk Fee Property, Santa Fe Springs, California. Prepared by McLaren/Hart Environmental Engineering Corporation.
6. December 23, 1996 letter from Hamid Saebfar of the California Department of Toxic Substances Control (DTSC) to Tom Walker of Mobil Exploration & Producing U.S., Inc.
7. October 10, 1997 Alton Geoscience Site Assessment Report/Remedial Action Plan for the site.
8. February 11, 1998 letter from David R. Klunk of the Santa Fe Springs City Fire Department to DTSC and RWQCB.
9. October 14, 1998 Alton Geoscience Remedial Excavation/Site Closure Report for the site. November 9, 1998 telephone conversation with Frank Gonzales of DTSC.
10. November 9, 1998 telephone conversation with Andres Cano of DTSC.
11. November 9, 1998 telephone conversation with Nancy Carder of DTSC.
12. Telephone conversations with Michael Pitta and John Trumpeter of Alton Geoscience.
13. Telephone conversations with Keith Elliot and Manjulika Chakrabarti of the California Regional Water Quality Control Board, Los Angeles Region (RWCB).



14. February 24, 1999 telephone conversations with Steven Chase of the Santa Fe Springs City Fire Department.
15. March 9, 1999 telephone conversation with Ron Hughes of the City of Santa Fe Springs Water Department.
16. March 9, 1999 telephone conversation with Anthony Zampiendo of the La Habra Heights Water District.
17. March 9, 1999 telephone conversation with Paul Weldon of the Norwalk City Water District.
18. March 9, 1999 telephone conversation with Jerry Grant of the Pico Rivera City Water District.
19. March 9, 1999 telephone conversation with Adrian Diaz of the Pico Water District.
20. March 9, 1999 telephone conversation with Tom Luczak of the Suburban Water Company.
21. March 9, 1999 telephone conversation with Gary Williams of the Southern California Water Company.
22. March 9, 1999 telephone conversation with Dan Arrighi of the San Gabriel Valley Water Company.
23. March 9, 1999 telephone conversation with Gary Lynch of the Park Water Company - Bellflower - Norwalk.
24. May 14, 1999 telephone conversation with Michael Pitta of Alton Geoscience.
25. March 1, 1999 letter from RWQCB, approving the soil remediation for this site.
26. California Department of Water Resources, Bulletin 104.
27. May 14, 1999 conversation with Andres Cano of DTSC.
28. June 7, 1999 Site Reconnaissance Visit of the Site with Michael Pitta of Alton Geoscience.

## APPENDIX B

### PHOTOGRAPHIC DOCUMENTATION



1. Southwest well, which was the only active well. Photo was taken from the south.



2. Fourth well in the northwest corner of the site.





3. Tank farm in the northwest corner of the site, just west of the fourth well in Photo 2. Photo taken from the east.



4. Tank farm. Photo from the west.





5. Tank farm. Photo taken from the west



6. Tank farm. Photo taken from the north.





7. Tank farm. Photo taken from the north.



8. Tank farm. Photo taken from the north.





9. Weed-covered field, which occupied most of the site, east of the fourth well and the tank farm area. Photo is facing east.



10. North-central well. Photo is facing northeast.





11. Two drums of purge water and a pile consisting of weeds and dirt from site cleanup, south of southwest pump. Photo is facing east.



12. Drill rig and pump at northeast corner of site. Photo is facing west.

## APPENDIX C

### CONTACT LOG

#### SITE: JALK FEE/MOBIL LEASE PROPERTY

EPA ID: CA0000024554

<b>Name</b>	<b>Affiliation</b>	<b>Phone</b>	<b>Date</b>	<b>Information</b>
Frank Gonzales	DTSC	(714) 484-5410	11/09/98	See Appendix D
Andres Cano	DTSC	(714) 484-5421	11/09/98	See Appendix D
Nancy Carder	DTSC	(818) 551-2863	11/09/98	See Appendix D
Michael Pitta	Alton Geoscience	(949) 753-0101	11/09/98	See Appendix D
Manjulika Chakrabarti	RWQCB	(213) 576-6600	11/09/98	See Appendix D
John Trumpeter	Alton Geoscience	(949) 753-0101	11/09/98	See Appendix D
Michael Pitta	Alton Geoscience	(949) 753-0101	12/04/98	See Appendix D
Michael Pitta	Alton Geoscience	(949) 753-0101	12/08/98	See Appendix D
Manjulika Chakrabarti	RWQCB	(213) 576-6600	01/14/99	See Appendix D
Michael Pitta	Alton Geoscience	(949) 753-0101	01/15/99	See Appendix D
Manjulika Chakrabarti	RWQCB	(213) 576-6600	02/22/99	See Appendix D
Steve Chase	Santa Fe Springs City Fire Department	(562) 944-9713	02/24/99	See Appendix D



<b>Name</b>	<b>Affiliation</b>	<b>Phone</b>	<b>Date</b>	<b>Information</b>
Keith Elliot	RWQCB	(213) 576-6600	03/01/99	See Appendix D
Keith Elliot	RWQCB	(213) 576-6600	03/08/99	See Appendix D
Ron Hughes	City of Santa Fe Springs Water Department	(562) 868-0511	03/09/99	See Appendix D
Anthony Zampiello	La Habra Heights Water District	(562) 697-6769	03/09/99	See Appendix D
Paul Weldon	Norwalk City Water District	(562) 929-5766	03/09/99	See Appendix D
Jerry Grant	Pico Rivera City Water District	(562) 801-4462	03/09/99	See Appendix D
Adrian Diaz	Pico Water District	(562) 692-3756	03/09/99	See Appendix D
Tom Luczak	Suburban Water Company	(562) 944-8219	03/09/99	See Appendix D
Gary Williams	Southern California Water	(909) 599-1289	03/09/99	See Appendix D
Dan Arrighi	San Gabriel Valley Water	(626) 448-6183	03/09/99	See Appendix D
Gary Lynch	Park Water Company - Bellflower - Norwalk	(562) 923-0711	03/09/99	See Appendix D
Michael Pitta	Alton Geoscience	(949) 753-0101	05/14/98	See Appendix D
Andres Cano	DTSC	(714) 484-5421	05/14/99	See Appendix D

<b>Name</b>	<b>Affiliation</b>	<b>Phone</b>	<b>Date</b>	<b>Information</b>
Michael Pitta	Alton Geoscience	(949) 753-0101	06/07/98	See Appendix D

## APPENDIX D

### CONTACT REPORT

**SITE: JALK FEE/MOBIL LEASE PROPERTY**

**EPA ID: CA0000024554**

AGENCY/AFFILIATION:		CODE:
DEPARTMENT: DTSC		
ADDRESS: 5796 Corporate Avenue		CITY: Cypress
COUNTY: Orange	STATE: California	ZIP: 90630
CONTACTS: Frank Gonzales	TITLE: Hazardous Substances Engineering Geologist	PHONE (714) 484-5410
PERSON MAKING CONTACT: Joseph Cully		DATE: November 9, 1998
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: Asked Mr. Gonzales if RWQCB was working on this site. He said that they were, although he doubted that they had a Cleanup and Abatement Order against this site. Mr. Gonzales said that Manjulika Chakrabarti was the RWQCB project officer for this site. At a recent public meeting, the facility's consultant was quite adamant that he did not want to be involved in the groundwater cleanup team. The consultant said that only shallow soil contamination was involved, which they intended to clean up. Mr. Gonzales suggested that I call Ms. Chakrabarti of RWQCB and Nancy Carder of DTSC in the Glendale office.

AGENCY/AFFILIATION:		CODE:
DEPARTMENT: DTSC		
ADDRESS: 5796 Corporate Avenue		CITY: Cypress
COUNTY: Orange	STATE: California	ZIP: 90630
CONTACT(S) Andres Cano	TITLE Hazardous Substances Engineering Geologist	PHONE (714) 484-5421
PERSON MAKING CONTACT: Joseph Cully		DATE: November 9, 1998
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION:      There is soil contamination all the way down to groundwater in this area, and this is a groundwater recharge area. This area means the Santa Fe Springs Community. Therefore, the groundwater is an issue. Mr. Cano suggested that I make an appointment with RWQCB to review their records.

AGENCY/AFFILIATION:		CODE:
DEPARTMENT: DTSC		
ADDRESS: 1011 North Grandview Avenue		CITY: Glendale
COUNTY: Los Angeles	STATE: California	ZIP: 91201
CONTACT(S) Nancy Carder	TITLE Hazardous Substances Scientist	PHONE (818) 551-2863
PERSON MAKING CONTACT: Joseph Cully		DATE: November 9, 1998
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: Ms. Carder didn't really know very much about this site, since it wasn't hers and she wasn't at the recent public meeting. She referred me to Michael Pitta, the consultant involved in the latest sampling at Jalk Fee.

AGENCY/AFFILIATION:		CODE:
DEPARTMENT: Regional Water Quality Control Board (RWQCB)		
ADDRESS: 320 West 4 <sup>th</sup> Street, Suite 200		CITY: Los Angeles
COUNTY: Los Angeles	STATE: California	ZIP: 90013
CONTACT(S) Manjulika Chakrabarti	TITLE	PHONE (213) 576-6600
PERSON MAKING CONTACT: Joseph Cully		DATE: November 9, 1998
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: RWQCB was working on this site, but no Cleanup and Abatement Order. RWQCB had taken soil samples, but were only monitoring the groundwater. When the soil was cleaned up, RWQCB was going to issue a certificate of clean closure. Ms. Chakrabarti referred me to Michael Pitta of Alton Geoscience for a copy of the latest sampling results.

AGENCY/AFFILIATION: Alton Geoscience		CODE:
DEPARTMENT:		
ADDRESS: 25 Technology Drive		CITY: Irvine
COUNTY: Orange	STATE: California	ZIP: 92618
CONTACT(S) John Trumpeter	TITLE	PHONE (949) 753-0101
PERSON MAKING CONTACT: Joseph Cully		DATE: November 9, 1998
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: I asked Mr. Trumpeter for a copy of the latest sampling results. He referred me to Michael Pitta, a co-worker, for a copy of the latest report regarding this site.

AGENCY/AFFILIATION: Alton Geoscience		CODE:
DEPARTMENT:		
ADDRESS: 25 Technology Drive		CITY: Irvine
COUNTY: Orange	STATE: California	ZIP: 92618
CONTACT(S) Michael Pitta	TITLE	PHONE (949) 753-0101
PERSON MAKING CONTACT: Joseph Cully		DATE: November 9, 1998
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: Mr. Pitta said that he would mail a copy of the remedial excavation/site closure report for this site to me.



AGENCY/AFFILIATION: Alton Geoscience		CODE:
DEPARTMENT:		
ADDRESS: 25 Technology Drive		CITY: Irvine
COUNTY: Orange	STATE: California	ZIP: 92618
CONTACT(S) Michael Pitta	TITLE	PHONE (949) 753-0101
PERSON MAKING CONTACT: Joseph Cully		DATE: December 4, 1998
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: I expressed concern about the high values of PCE and TCE which were still on the site. Mr. Pitta said that Alton Geoscience had assessed the contamination on Jalk Fee, and that out of many points there was just one hot point. Therefore Mr. Pitta felt that nothing further needed to be done. He said that he would send me an earlier report which showed the work that his company had performed previously at Jalk Fee.

AGENCY/AFFILIATION: Alton Geoscience		CODE:
DEPARTMENT:		
ADDRESS: 25 Technology Drive		CITY: Irvine
COUNTY: Orange	STATE: California	ZIP: 92618
CONTACT(S) Michael Pitta	TITLE	PHONE (949) 753-0101
PERSON MAKING CONTACT: Joseph Cully		DATE: December 8, 1998
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: Mr. Pitta asked me if I had received the Site Assessment Report/Remedial Action Plan (earlier report) yet. I told him that I had not.

AGENCY/AFFILIATION:		CODE:
DEPARTMENT: RWQCB		
ADDRESS: 320 West 4 <sup>th</sup> Street, Suite 200		CITY: Los Angeles
COUNTY: Los Angeles	STATE: California	ZIP: 90013
CONTACT(S) Manjulika Chakrabarti	TITLE	PHONE (213) 576-6600
PERSON MAKING CONTACT: Joseph Cully		DATE: January 14, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: I asked Ms. Chakrabarti if there had been any groundwater sampling for this site, and if so, by whom. She said that either a consultant of the City of Santa Fe Springs (she didn't know who exactly) was taking groundwater samples, and then providing the sampling results to RWQCB. She said that she would try to provide me with a copy of these sampling results.

AGENCY/AFFILIATION: Alton Geoscience		CODE:
DEPARTMENT:		
ADDRESS: 25 Technology Drive		CITY: Irvine
COUNTY: Orange	STATE: California	ZIP: 92618
CONTACT(S) Michael Pitta	TITLE	PHONE (949) 753-0101
PERSON MAKING CONTACT: Joseph Cully		DATE: January 15, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: I called Mr. Pitta, and asked him for the previous report which he had for this site. He said that he would send me this report, which includes laboratory sampling data. I also asked him if he was performing ground water sampling for this site. He said that his company was the one that was doing the groundwater sampling for this site, and that they had 3 monitoring wells on-site. The took samples, and then submitted them to RWQCB. This sampling information would also be in the report that he would send to me.

AGENCY/AFFILIATION:		CODE:
DEPARTMENT: RWQCB		
ADDRESS: 320 West 4 <sup>th</sup> Street, Suite 200		CITY: Los Angeles
COUNTY: Los Angeles	STATE: California	ZIP: 90013
CONTACT(S) Manjulika Chakrabarti	TITLE	PHONE (213) 576-6600
PERSON MAKING CONTACT: Joseph Cully		DATE: February 22, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: Ms. Chakrabarti said that RWQCB had an old agreement with this site in which the site would clean up it ground water. She said that she would fax me a copy of this agreement (I never received it from her). The City of Santa Fe Springs was working to cleanup the ground water in this area, and they were using natural attenuation to do this. RWQCB was about to close the file on this site.

AGENCY/AFFILIATION: City of Santa Fe Springs		CODE:
DEPARTMENT: Fire Department		
ADDRESS: 11300 Greenstone Avenue		CITY: Santa Fe Springs
COUNTY: Los Angeles	STATE: California	ZIP: 90670
CONTACT(S) Steve Chase	TITLE Inspector	PHONE (562) 944-9713
PERSON MAKING CONTACT: Joseph Cully		DATE: February 24, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: Mr. Chase was not aware of the City of Santa Fe Springs monitoring groundwater in the area. That is the responsibility of RWQCB. In any case, he did not believe that natural attenuation would be effective against VOCs, such as were in the groundwater in this area. Also, the flow of groundwater in this area is to the southwest. Therefore, it is unlikely that contamination of the groundwater would be from adjacent Continental Heat Treat, which is to the south of this site.

AGENCY/AFFILIATION:		CODE:
DEPARTMENT: RWQCB		
ADDRESS: 320 West 4 <sup>th</sup> Street, Suite 200		CITY: Los Angeles
COUNTY: Los Angeles	STATE: California	ZIP: 90013
CONTACT(S) Keith Elliot	TITLE	PHONE (213) 576-6600
PERSON MAKING CONTACT: Joseph Cully		DATE: March 1, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: Mr. Elliot said that he, and not Ms. Chakrabarti, was the real RWQCB project officer for this site. RWQCB had ruled out VOCs coming from this site. RWQCB, DTSC, and U.S. EPA had a team to monitor and remediate groundwater within the City of Santa Fe Springs.

AGENCY/AFFILIATION:		CODE:
DEPARTMENT: DTSC		
ADDRESS: 320 West 4 <sup>th</sup> Street		CITY: Los Angeles
COUNTY: Los Angeles	STATE: California	ZIP: 90013
CONTACT(S) Keith Elliot	TITLE	PHONE (213) 576-6600
PERSON MAKING CONTACT: Joseph Cully		DATE: March 8, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: I asked Mr. Elliot who the team consisted of for this site. He said himself and John Geroch from RWQCB, Nancy Carder, Shahir Haddad, and Sayareh Amirebrahimi of DTSC; and Craig Cooper of U.S. EPA,



AGENCY/AFFILIATION: City of Santa Fe Springs		CODE:
DEPARTMENT: Water Department		
ADDRESS:		CITY:
COUNTY:	STATE:	ZIP:
CONTACT(S) Ron Hughes	TITLE	PHONE (562) 868-0511
PERSON MAKING CONTACT: Joseph Cully		DATE: March 9, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION:        50% of the drinking water for this company comes from groundwater,  
                          50% comes from surface water.

AGENCY/AFFILIATION: La Habra Heights		CODE:
DEPARTMENT: Water District		
ADDRESS:		CITY:
COUNTY:	STATE:	ZIP:
CONTACT(S) Anthony Zampielo	TITLE	PHONE (562) 697-6769
PERSON MAKING CONTACT: Joseph Cully		DATE: March 9, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA00000024554

DISCUSSION:        99% of the drinking water for this system comes from groundwater wells,  
                          1% comes from surface water.

AGENCY/AFFILIATION: City of Norwalk		CODE:	
DEPARTMENT: Water District			
ADDRESS:		CITY:	
COUNTY:		STATE:	ZIP:
CONTACT(S) Paul Weldon	TITLE	PHONE (562) 697-6769	
PERSON MAKING CONTACT: Joseph Cully		DATE: March 9, 1999	
SUBJECT:			
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554	

DISCUSSION:        66% of the drinking water for this system comes from groundwater wells,  
                              34% is from surface water.

AGENCY/AFFILIATION: City of Pico Rivera		CODE:
DEPARTMENT: Water District		
ADDRESS:	CITY:	
COUNTY:	STATE:	ZIP:
CONTACT(S) Jerry Grant	TITLE	PHONE (562) 801-4462
PERSON MAKING CONTACT: Joseph Cully		DATE: March 9, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION:        Approximately 50% of the drinking water for this system comes from groundwater wells, 50% is from surface water.

AGENCY/AFFILIATION: Pico Water District		CODE:
DEPARTMENT:		
ADDRESS:		CITY:
COUNTY:	STATE:	ZIP:
CONTACT(S) Adrian Diaz	TITLE	PHONE (562) 692-3756
PERSON MAKING CONTACT: Joseph Cully		DATE: March 9, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION:        100% of the drinking water for this system is from groundwater wells.

AGENCY/AFFILIATION: Suburban Water Company		CODE:
DEPARTMENT:		
ADDRESS:		CITY:
COUNTY:	STATE:	ZIP:
CONTACT(S) Tom Luczak	TITLE	PHONE (562) 944-8219
PERSON MAKING CONTACT: Joseph Cully		DATE: March 9, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA00000024554

DISCUSSION:      Approximately 75% of the drinking water for this system comes from groundwater wells, 25% is from surface water.

AGENCY/AFFILIATION: Southern California Water Company		CODE:
DEPARTMENT:		
ADDRESS:		CITY:
COUNTY:	STATE:	ZIP:
CONTACT(S) Gary Williams	TITLE	PHONE (909) 599-1289
PERSON MAKING CONTACT: Joseph Cully		DATE: March 9, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA00000024554

DISCUSSION:        Approximately 60% of the drinking water for this system comes from groundwater wells, 40% is from surface water.

AGENCY/AFFILIATION: San Gabriel Valley Water Company		CODE:
DEPARTMENT:		
ADDRESS:		CITY:
COUNTY:	STATE:	ZIP:
CONTACT(S) Dan Arrighi	TITLE	PHONE (626) 448-6183
PERSON MAKING CONTACT: Joseph Cully		DATE: March 9, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION:        100% of the drinking water for this system comes from groundwater wells.



AGENCY/AFFILIATION: Park Water Company - Bellflower - Norwalk		CODE:
DEPARTMENT:		
ADDRESS:		CITY:
COUNTY:	STATE:	ZIP:
CONTACT(S) Gary Lynch	TITLE	PHONE (626) 448-6183
PERSON MAKING CONTACT: Joseph Cully		DATE: March 9, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION:        Approximately 20% of the drinking water for this system comes from groundwater wells, 80% is from surface water.

AGENCY/AFFILIATION: Alton Geoscience		CODE:
DEPARTMENT:		
ADDRESS: 25 Technology Drive		CITY: Irvine
COUNTY: Orange	STATE: California	ZIP: 92618
CONTACT(S) Michael Pitta	TITLE	PHONE (949) 753-0101
PERSON MAKING CONTACT: Joseph Cully		DATE: May 14, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: Mr. Pitta said that he wanted to receive a copy of this Preliminary Assessment Report. He faxed a copy of RWQCB's approval of Alton's spoil remediation.

AGENCY/AFFILIATION:		
DEPARTMENT: DTSC		
ADDRESS: 5796 Corporate Avenue		CITY: Cypress
COUNTY: Orange	STATE: California	ZIP: 90630
CONTACT(S) Andres Cano	TITLE Hazardous Substances Engineering Geologist	PHONE (714) 484-5421
PERSON MAKING CONTACT: Joseph Cully		DATE: May 14, 1998
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA0000024554

DISCUSSION: Mr. Cano showed me the California Department of Water Resources Bullet 104, and explained to me that the Exposition Aquifer interconnects with both the Gage-Gardena and the Hollydale aquifers within 2 miles of the Jalk Fee Site. Exposition Aquifer is where they detected the contaminants from, and Gage-Gardena and Hollydale are both drinking water aquifers.

AGENCY/AFFILIATION: Alton Geoscience		CODE:
DEPARTMENT:		
ADDRESS: 25 Technology Drive		CITY: Irvine
COUNTY: Orange	STATE: California	ZIP: 92618
CONTACT(S) Michael Pitta	TITLE	PHONE (949) 753-0101
PERSON MAKING CONTACT: Joseph Cully		DATE: June 7, 1999
SUBJECT:		
SITE NAME: Jalk Fee/Mobil Lease Property		EPA ID: CA00000024554

DISCUSSION: Mr. Pitta directed a Site Reconnaissance Visit for this site. He stated that the Mobil Foundation, a non-profit subsidiary of Mobil Corporation, owns this site and Hathaway is the operator.

## APPENDIX E

### SITE RECONNAISSANCE INTERVIEW AND OBSERVATIONS REPORT

State of California  
Department of Toxic Substances Control  
5796 Corporate Avenue  
Cypress, California 90630

OBSERVATIONS MADE BY: Joseph Cully DATE: June 7, 1999

#### FACILITY REPRESENTATIVE AND TITLE:

Michael Pitta, Project Geologist of Alton Geoscience, a consultant firm for the Mobil Foundation

SITE: Jalk Fee/Mobil Lease Property

EPA ID: CA0 000 02 4 554

A site reconnaissance was conducted at the Jalk Fee/Mobil Lease property site on Monday, June 7, 1999. The weather was warm and the temperature was approximately 85°F. Joseph Cully of the Department of Toxic Substances Control (DTSC) conducted the site reconnaissance with Michael Pitta at 11:25 a.m. to gather information on the site location and size, site history, processes used, and any hazardous waste generated, treated, stored, or disposed of on site. The reconnaissance included a site tour during which photographs were taken:

#### **The following information was obtained during the site reconnaissance:**

**Site Description.** The Jalk Fee/Mobil Lease property site occupies approximately 8.9 acres in an industrial area of Santa Fe Springs, California. To the east of the site is Norwalk Boulevard. Continental Heat Treat forms a portion of the site's southern boundary. The remainder of the site is entirely surrounded by industrial businesses. The site is entirely surrounded by a chainlink fence. There is a locked gate on the south side of the site, through which entry was obtained for this visit.

The site contains 4 oil production wells: one in the southwest portion of the site, one in the north central portion of the site, one in the northeast portion of the site, and one in the northwest corner of the site. Of these, only the one in the southwest portion of the site is still active, and it was in operation at the time of the visit. There is also a tank farm in the northwest corner of the site, just west of the fourth oil production wells. It is in a concreted bermed area. Although the area within the berm is entirely bare ground, each tank is on a concrete pad. There are six crude oil storage tanks, four crude oil waste tanks, a waste water tank, and a 6,000-gallon polyethylene

holding tank. The rest of the site, which is east of the tank farm area and the fourth production well, is entirely bare ground with weeds growing.

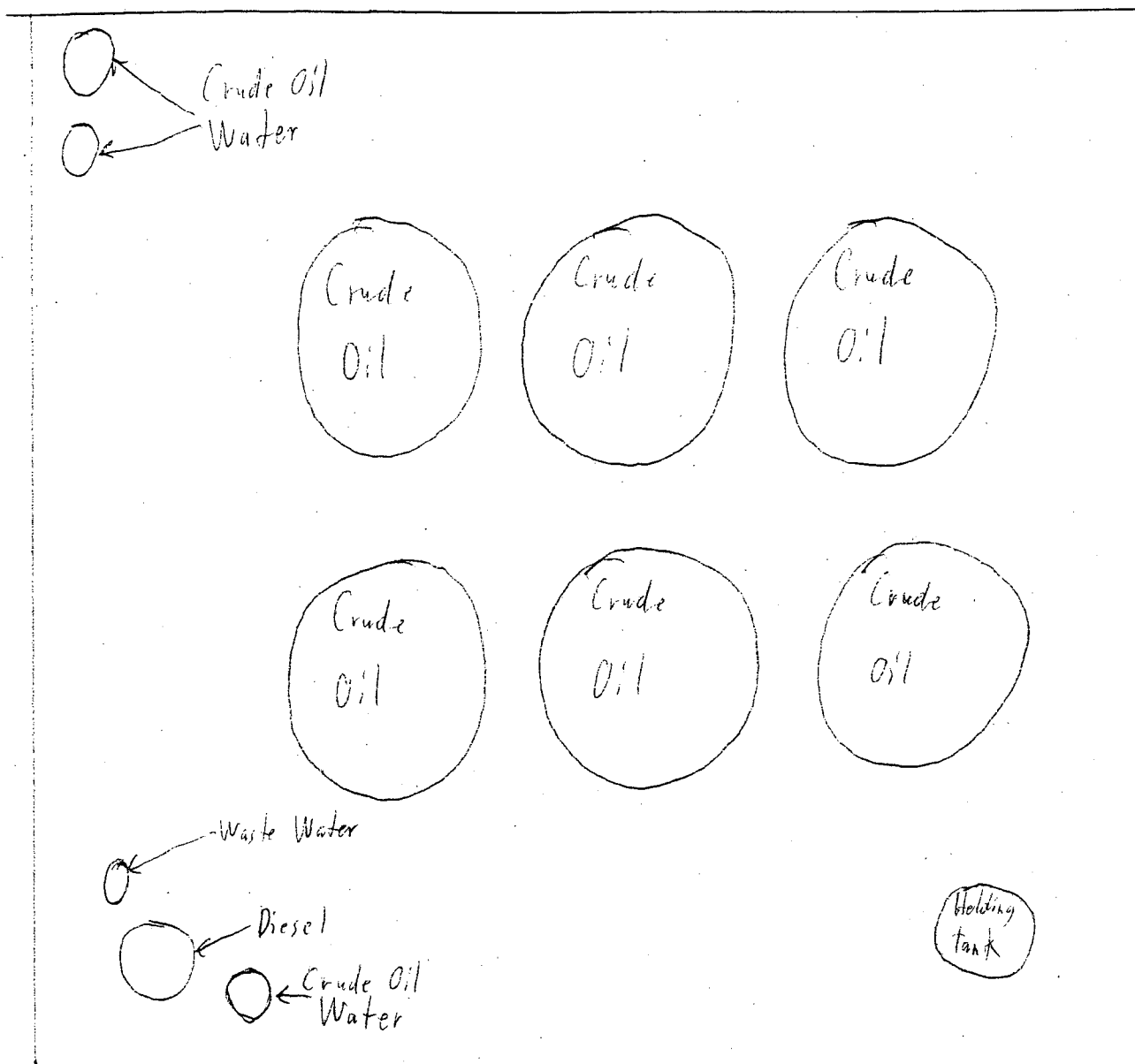
**Site Operations.** The Site is owned by the Mobil Foundation, which is a charitable organization and a subsidiary of Mobil Corporation. The Hathaway Company has been leasing this property for at least 50 years, and is pumping oil from it. Mobil had to clean up the perchloroethylene (PCE), trichloroethylene (TCE), and 1,1-dichloroethylene (1,1-DCE) contamination in the soil. Now, Mobil wants to sell the property and give the proceeds to charity. A for sale sign was observed at the time of this inspection. Only one oil pump is in use by the Hathaway company, as well as the tank farm.

**Hazardous Substances Onsite.** None. Only crude oil and related materials is generated at this site.

**Regulatory Involvement.** According to Mr. Pitta, the Hathaway Company has permits with the California Department of Oil and Gas. Mobil has no permits. No other regulatory agency is involved with this site.

Mr. Cully left the site at approximately 12:10 p.m.

**TANK FARM AT JALK FEE/MOBIL LEASE PROPERTY**  
**OBSERVED DURING THE JUNE 7, 1999 SITE RECONNAISSANCE VISIT**





# Potential Hazardous Waste Site Preliminary Assessment Form

## Identification

State: Ca. CERCLIS Number: CA0000024554  
CERCLIS Discover Date: October 13, 1993

### 1. General Site Information

Name: <u>Talk Fee/Mobil Lease Property</u>		Street: <u>10607 Norwalk Boulevard</u>	
City: <u>Santa Fe Springs</u>		State: <u>Ca.</u>	Zip Code: <u>90670</u>
Latitude: <u>33° 56' 21.0"</u>		County: <u>Los Angeles</u>	
Longitude: <u>118° 03' 37.0"</u>		County Code: <u>19</u>	
Approximate Area of Site: <u>8.8</u> Acres		Status of Site:	
_____ Square Ft.		<input type="checkbox"/> Active <input type="checkbox"/> NA	
		<input checked="" type="checkbox"/> Inactive	
		<input type="checkbox"/> Not Specified	
		Cong. Dist:	

### 2. Owner/Operator Information

Owner: <u>Hathaway Family</u>		Operator: <u>Mobil Oil Corporation</u>	
Street: <u>2130 Santiago Drive</u>		Street: <u>3700 West 190th Street</u>	
City: <u>Newport Beach</u>		City: <u>Torrance</u>	
State: <u>Ca.</u>	Zip Code: <u>92660</u>	State: <u>Ca.</u>	Zip Code: <u>90509-2929</u>
Telephone: _____		Telephone: _____	
Type of ownership		How Initially Identified	
<input checked="" type="checkbox"/> Private <input type="checkbox"/> Municipal		<input type="checkbox"/> Citizen Complaint <input type="checkbox"/> Federal Program	
<input type="checkbox"/> Federal Agency <input type="checkbox"/> Not Specified		<input type="checkbox"/> PA Petition <input type="checkbox"/> Incidental	
<input type="checkbox"/> State <input type="checkbox"/> Other		<input checked="" type="checkbox"/> State/Local Program <input type="checkbox"/> Not Specified	
<input type="checkbox"/> Indian		<input type="checkbox"/> RCRA/CERCLA Notification <input type="checkbox"/> Other	
<input type="checkbox"/> County			

### 3. Site Evaluator Information

Evaluator: <u>Joseph Cully</u>	Agency/Organization: <u>Cal-EPA/Department of Toxic Substances</u>	Date Prepared: <u>5/6/99</u>
Street: <u>5796 Corporate Avenue</u>	City: <u>Cypress</u>	State: <u>Ca.</u>
Name of EPA or State Agency Contact		Street: _____
City: _____	State: _____	Telephone: _____

### 4. Site Disposition (for EPA use Only)

Emergency Response/Removal Assessment Recommendations	CERCLIS Recommendations:	Signature:
<input type="checkbox"/> Yes	<input type="checkbox"/> Higher Priority SI	Names (typed)
<input type="checkbox"/> No	<input type="checkbox"/> Lower Priority SI	Position:
<input type="checkbox"/> Date:	<input type="checkbox"/> NFRAP	
	<input type="checkbox"/> RCRA	
	<input type="checkbox"/> Other	
	<input type="checkbox"/> Date:	



**CERCLIS Number:**

**Predominant Land Uses Within 1 Mile of Site (Check all that apply):**

**Site Setting:**

Years of Operation:

Beginning Year

**Ending Year**☐ Unknown

Type of Site Operations (Check all that apply):

- ☐ Retail
- ☐ Recycling
- ☐ Junk/Salvage Yard
- ☐ Municipal Landfill
- ☐ Other Landfill
- ☐ DOD
- ☐ DOE
- ☐ DOI
- ☐ Other Federal Facility
- ☐ RCRA
  - ☐ Treatment, Storage, or Disposal
  - ☐ Large Quantity Generator
  - ☐ Small Quantity Generator
  - ☐ Subtitle D
    - ☐ Municipal
    - ☐ Industrial
  - ☐ "Converter"
  - ☐ "Protective Filer"
  - ☐ "Non- or Late Filer"
- ☐ Not Specified
- ☐ Other

Waste Generated:

☐ Onsite  
☐ Offsite  
☒ Onsite and Offsite

Waste Deposition Authorized By:

☐ Present Owner  
☐ Former Owner  
☐ Present and Former Owner  
☒ Unauthorized  
☐ Unknown

Waste Accessible to the Public:

☐ Yes  
☒ No

Distance to Nearest Dwelling,  
School, or Workplace:

6320 Feet

## Source Type:

(Check all that apply)

**Source Waste Quantity**  
(include units)

**THEY:**

**General Types of Waste (check all that apply):**

Unknown

[illegible]

- ☐ Metals
- ☐ Organics
- ☐ Inorganics
- ☒ Solvents
- ☐ Paints/Pigments
- ☐ Laboratory/Hospital Waste
- ☐ Radioactive Waste
- ☐ Oily Waste
- ☐ Pesticides/Herbicides
- ☐ Acids/Bases
- ☐ Construction/Demolition Waste
- ☐ Municipal Waste
- ☐ Mining Waste
- ☐ Explosives
- ☐ Other

Physical State of Waste as Deposited  
(check all that apply):

☐ Solid      ☐ Gas  
☒ Liquid      ☐ Powder  
☐ Sludge

**Potential Hazardous Waste Site  
Preliminary Assessment Form - Page 3 of 4**

CERCLIS Number:

### 7. Ground Water Pathway

Is Ground Water Used for Drinking Water Within 4 Miles:

- ☒ Yes  
☐ No

Type of Drinking Water Wells Within 4 Miles (Check all that apply)

- ☒ Municipal  
☒ Private  
☐ None

Depth to Shallowest Aquifer:

60 Feet

Karst Terrain/Aquifer Present:

- ☐ Yes  
☒ No

Is There a Suspected Release To Ground Water:

- ☒ Yes  
☐ No

Have Primary Target Drinking Water Wells Been Identified:

- ☒ Yes  
☒ No

If Yes, Enter Primary Target Population:

\_\_\_\_\_ People

Nearest Designated Wellhead Protection Area:

- ☐ 0 - 1/4 Mile  
☒ > 1/4 Mile - 4 Miles  
☐ None Within 4 Miles

List Secondary Target Population Served by Ground Water Withdrawn From:

0 - 1/4 Mile	<u>0</u>
> 1/4 - 1/2 Mile	<u>0</u>
> 1/2 - 1 Mile	<u>5,000</u>
> 1 - 2 Miles	<u>12,261</u>
> 2 - 3 Miles	<u>85,969</u>
> 3 - 4 Miles	<u>143,365</u>
Total Within 4 Miles	<u>246,595</u>

### 8. Surface Water Pathway N/A

Type of Surface Water Draining Site and 15 Miles Downstream (Check all that apply)

- ☐ Stream ☐ River ☐ Pond ☐ Lake  
☐ Bay ☐ Ocean ☐ Other \_\_\_\_\_

Shortest Overland Distance From Any Source to Surface Water:

\_\_\_\_\_ Feet  
\_\_\_\_\_ Miles

Is There a Suspected Release to Surface Water:

- ☐ Yes  
☐ No

Site is Located in:

- ☐ Annual - 10 yr Floodplain  
☐ > 10 yr - 100 yr Floodplain  
☐ > 100 yr - 500 yr Floodplain  
☐ > 500 yr Floodplain

Drinking Water Intakes Located Along the Surface Water Migration Path:

- ☐ Yes  
☐ No

Have Primary Target Drinking Water Intakes Been Identified:

- ☐ Yes  
☐ No

If Yes, Enter Population Served by Primary Target Intakes:

\_\_\_\_\_ People

List All Secondary Target Drinking Water Intakes:

<u>Name</u>	<u>Water Body</u>	<u>Flow (cfs)</u>	<u>Population Served</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Total within 15 Miles			_____

Fisheries Located Along the Surface Water Migration Path:

- ☐ Yes  
☐ No

Have Primary Target Fisheries Been Identified:

- ☐ Yes  
☐ No

List All Secondary Target Fisheries:

<u>Waterbody/Fishery Name</u>	<u>Flow (cfs)</u>
_____	_____
_____	_____
_____	_____
_____	_____

**Potential Hazardous Waste Site  
Preliminary Assessment Form - Page 4 of 4**

CERCLIS Number: \_\_\_\_\_

**8. Surface Water Pathway (continued)**

Wetlands Located Along the Surface Water Migration Path:

- ☐ Yes  
☐ No

Have Primary Target Wetlands Been Identified:

- ☐ Yes  
☐ No

List Secondary Target Wetlands:

Water Body	Flow (cfs)	Frontage Miles
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Other Sensitive Environments Located Along the Surface Water Migration Path:

- ☐ Yes  
☐ No

Have Primary Sensitive Environments Been Identified:

- ☐ Yes  
☐ No

List Secondary Target Sensitive Environments:

Water Body	Flow (cfs)	Sensitive Environment Type
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**9. Soil Exposure Pathway** *N/A*

Are People Occupying or Attending School or Day Care on or Within 200 Feet of Areas of Known or Suspected Contamination:

- ☐ Yes  
☐ No

If Yes, Enter total Resident Population:

\_\_\_\_\_ People

Number of Workers Onsite:

- ☐ None  
☐ 1 - 100  
☐ 101 - 1,000  
☐ > 1,000

Have Terrestrial Sensitive Environments Been Identified on or Within 200 Feet of the Site:

- ☐ Yes  
☐ No

If Yes, List Each Terrestrial Sensitive Environment:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**10. Air Pathway** *N/A*

Is There a Suspected Release to Air:

- ☐ Yes  
☐ No

Enter Total Population on or Within:

Onsite \_\_\_\_\_

0 - 1/4 Mile \_\_\_\_\_

> 1/4 - 1/2 Mile \_\_\_\_\_

> 1/2 - 1 Mile \_\_\_\_\_

> 1 - 2 Miles \_\_\_\_\_

> 2 - 3 Miles \_\_\_\_\_

> 3 - 4 Miles \_\_\_\_\_

Total Within 4 Miles \_\_\_\_\_

Wetlands Located Within 4 Miles of the Site:

- ☐ Yes  
☐ No

Other Sensitive Environments Located Within 4 Miles Of The Site:

- ☐ Yes  
☐ No

List All Sensitive Environments Within 1/2 Mile of the Site:

Distance	Sensitive Environmental Type/Wetlands Area (acres)
Onsite	_____
0 - 1/4 Mile	_____
> 1/4 Mile - 1/2 Mile	_____

Onsite

0 - 1/4 Mile

> 1/4 Mile - 1/2 Mile

# LATITUDE AND LONGITUDE CALCULATION WORKSHEET #2

## WHEN USING ENGINEERS' SCALE (1:60)

Site: Talk Free/Mobil Lease Property

EPA ID#: CA0000024534

Aka: \_\_\_\_\_

SSID: \_\_\_\_\_

Address: 10607 Norwalk Boulevard

City: Santa Fe Springs

State: Ca.

ZIP Code: 90670

Site Reference Point: Corner of Norwalk Boulevard and Clark Street

Topo Map: Whittier Quadrangle

Township: 3 N/S Range: IV E/W

Scale: 1:24,000 Map Date: 1974

Section: 6 1/4 1/4 1/4

Map Datum: 1927

Meridian: San Bernardino

Coordinates from lower right (southeast) corner of 7.5-minute map:

Latitude: 33° 52' 30"

Longitude: 118° 00' 00"

Coordinates from lower right (southeast) corner of 2.5-minute sub-map:

Latitude: 33° 55' 0"

Longitude: 118° 2' 30"

Calculations: Latitude (7.5-minute Quadrangle Map)

A) Number of ruler divisions from bottom latitude line to Site: 699

B) Number of ruler divisions equal to 2.5 minutes of latitude: (454): 12454

C) Divide divisions to site (A) by (B): 1.54

D) Multiply (C) by 150 seconds: 231

E) Convert (D) to minutes/seconds: 3 : 51 : 0

60 seconds = 1 minute

120 seconds = 2 minutes

F) Add to starting latitude: 33° 52' 30" + 0° 3' 51.0" = 33° 56' 21.0"

Calculations: Longitude (7.5-minute Quadrangle Map)

A) Number of ruler divisions from right longitude line to Site: 656

B) Number of ruler divisions equal to 2.5 minutes of longitude: (454): 454

C) Divide distance to Site (A) by (B): 1.445

D) Multiply (C) by 150 seconds: 216 : 75

E) Convert (D) to minutes/seconds: 3 : 36 : 75

60 seconds = 1 minute

120 seconds = 2 minutes

F) Add to starting longitude: 118° 00' 00" + 0° 3' 36.75" = 118° 03' 36.75"

Enter final latitude/longitude calculation, rounding to the nearest 1/2 second (i.e., .0 or .5):

Final Latitude 33° 56' 21.0"

Final Longitude 118° 03' 37.0"

Investigator: Joseph Andrew Gully

Date: 11/4/1998



RCRIS GENERATOR/TDS - REGION 3/4

DATE 01/12/97 (HOLMES)

BY COUNTY - L=LANDDISP S=STORAGE/TREATMENT

NAME	HID_NUM	HLOCSTRT1	CITY	CNTY	GEN PMTTSD CLZTSD PCLZTSD
TOSCO CORPORATION, MARACO	CAD000629337	SECTION 36	TOWNSHIP 12N RA		
TOSCO CORPORATION, TEXACO	CAD000628925	SECTION 36	TOWNSHIP 30S RA		
TOSCO CORPORATION 27G PUM	CAD000629105	SECTION 21	TOWNSHIP 31 RAN		
PJB DISPOSAL CO.	CAD000455980	1514 ORANGE ST.	ALHAMBRA	LOS ANGELES	
BUCK DOES IT INC	CAD0000040220	760 S AZUSA AVE	AZUSA	LOS ANGELES	
PRECISION ALUMINUM COATIN	CAD0000086660	186 S IRWINDALE AVE	AZUSA	LOS ANGELES	
R E M TRUCKING	CAD0000088443	830 W FIRST	AZUSA	LOS ANGELES	
TESORO GASOLINE DIGAS BEL	CAD000627471	9075 ARTESNA BLVD	BELLFLOWER	LOS ANGELES	
TESORO GASOLINE DIGAS ROS	CAD000628651	21222 ROSCOE BLVD	CANOGA PARK	LOS ANGELES	
FOUR COR PIPELINE CO CARS	CAD000628412	1801 E SEPULVEDA BLVD	CARSON	LOS ANGELES	X
TESORO GASOLINE DIGAS CER	CAD000627653	20200 BLOOMFIELD AVE	CERRITOS	LOS ANGELES	
GENERAL ELEC CO CARBOLOY	CAD000626143	20933 PLUMMER ST	CHATSWORTH	LOS ANGELES	
CALGON CORP	CAD0000041863	14516 E BONELLI	CITY OF INDUSTR	LOS ANGELES	X
SCREWCORP	CAD0000093500	13001 E TEMPLE AVE	CITY OF INDUSTR	LOS ANGELES	X
WALTER CARPET MILL	CAD0000073650	14641 E DON JULIAN RD	CITY OF INDUSTR	LOS ANGELES	
CHEROKEE CHEM CO INC	CAD0000055327	19400 SUSANA RD	COMPTON	LOS ANGELES	
HITCO MATERIAL SCIENCE CE	CAD000626028	18831 LAUREL PARK ROAD	COMPTON	LOS ANGELES	
LEAR SIEGLER ANCHORLOK DI	CAD000628511	19119 SOUTH REYES STREET	COMPTON	LOS ANGELES	
A & D DRAIN & PUMPING SER	CAD0000028415	4657 GLEN ARDEN	COVINA	LOS ANGELES	
JIM'S VACUUM TRK SVC	CAD0000416040	302 BRIAR CREEK RD.	DIAMOND BAR	LOS ANGELES	
DOWNEY HEAT TREATING CO	CAD0000045211	9629-37 NANCE ST	DOWNEY	LOS ANGELES	
KING LIQUID INC.	CAD0000063248	7455 YANKEY ST	DOWNEY	LOS ANGELES	
TESORO GASOLINE DIGAS FLO	CAD000627547	11111 FLORENCE AVE	DOWNEY	LOS ANGELES	
TESORO GASOLINE DIGAS WOO	CAD000629022	12820 WOODRUFF AVE	DOWNEY	LOS ANGELES	
CHEVRON USA EL SEGUNDO SP	CAD000626507	302 E EL SEGUNDO BLVD	EL SEGUNDO	LOS ANGELES	
NORTHROP CORP AIRCRAFT DI	CAD000627216	2043 E MARIPOSA AVENUE	EL SEGUNDO	LOS ANGELES	
NORTHROP CORP AIRCRAFT DI	CAD000627273	800 N DOUGLAS AVE	EL SEGUNDO	LOS ANGELES	X
NORTHROP CORP ELECTRONICS	CAD000627331	13215 SOUTH WESTERN AVE	GARDENA	LOS ANGELES	
TESORO GASOLINE DIGAS GAR	CAD000627844	2029 REDONDO BCH BLVD	GARDENA	LOS ANGELES	
TESORO GASOLINE DIGAS GLE	CAD000627901	701 S GRAND AVE	GLEN DORA	LOS ANGELES	
TESORO GASOLINE DIGAS GRA	CAD000627257	11155 BALBOA BLVD	GRANADA HILLS	LOS ANGELES	
MOBIL OIL CORP S TORRANCE	CAD000628172	630 LOMITA BLVD	HARBOR CITY	LOS ANGELES	
HENKEL CORP	CAD0000055798	12607 CERISE AVE	HAWTHORNE	LOS ANGELES	
NORTHROP CORP AIRCRAFT DI	CAD000627695	3133 W 131ST ST	HAWTHORNE	LOS ANGELES	
NORTHROP CORPORATION AIRC	CAD000627398	14525 OCEANGATE	HAWTHORNE	LOS ANGELES	
AIRCRAFT X-RAY LAB INC	CAD000628032	2621 E 53RD ST	HUNTINGTON PARK	LOS ANGELES	X
MOBIL OIL CORP INGLEWOOD	CAD000628347	545 W BEACH AVE	INGLEWOOD	LOS ANGELES	
AMERICAN PHARMASEAL LABOR	CAD000628099	4401 FOXDALE AVE	IRWINDALE	LOS ANGELES	
TESORO GASOLINE DIGAS LA	CAD000627612	15045 IMPERIAL HWY	LA MIRADA	LOS ANGELES	
TESORO GASOLINE DIGAS LAN	CAD000627737	1333 W AVE K	LANCASTER	LOS ANGELES	
APL WEST HYNES	CAD000628420	5900 CHERRY AVE	LONG BEACH	LOS ANGELES	X
ATSC EAST HYNES STATION	CAD000627943	5905 PARAMOUNT BLVD	LONG BEACH	LOS ANGELES	X
ATSC TERMINAL THREE	CAD000628305	1400 PIER C ST	LONG BEACH	LOS ANGELES	
B-T EQUIPMENT CO INC	CAD0000036558	1259 W 17TH ST	LONG BEACH	LOS ANGELES	
BRITE-SOL CLEANING	CAD000625459	22422 S ALAMEDA	LONG BEACH	LOS ANGELES	X
MOBIL OIL CORP FAULT BL I	CAD000628040	925 HARBOR PLAZA	LONG BEACH	LOS ANGELES	

RUN DATE: 03/12/88 10:23:29  
 CERCLIS3 DATA BASE DATE:  
 CERCLIS3 DATA BASE TIME:  
 VERSION: 16.03

\*\* PRODUCTION VERSION \*\*  
 U.S. EPA SUPERFUND PROGRAM  
 \*\* C E R C L I S 3 \*\*  
 LIST-8 REPORT FOR REGION IX  
 SORTED BY SITE NAME  
 REPORT NAME: SKMNTSH.RWBUILD.DATA (L8SUBEVT)

Page 1 of 704  
 ENFORCEMENT SENSITIVE INFORMATION  
 \*\*\*\*\* FOR INTERNAL USE ONLY \*\*\*\*\*

EPA ID SITE NAME STREET CITY, COUNTY CODE AND NAME	STATE ZIP CONG DIST.	ACTION QUALIF	OP UN	ACTION TYPE	ACTUAL START DATE	ACTUAL COMPLETE DATE	CURRENT ACTION LEAD	SUB ACT	SUBACTION COMPLETE DATE	NPL
AZD980883433 11TH ST LDFL 11TH ST & GIBSON LN PHOENIX 013 MARICOPA	AZ 85034 01	N	00	PA1 DS1		12/01/87 07/01/84	State, Fund Financed EPA Fund-Financed			N N
CA0572890218 129TH CAV AIR NATL GUARD 129TH HRMS MOFFETT FIELD SUNNYVALE 085 SANTA CLARA	CA 94086 12	N	00	DS1 PA1		06/01/87 02/07/92	Federal Facilities Federal Facilities			N N
CA7690390037 12TH COAST GUARD DISTRICT GOVERNMENT ISLAND ALAMEDA 001 ALAMEDA	CA 94501 09	N	00	PA1 DS1		07/07/92 06/01/87	Federal Facilities Federal Facilities			N N
AZD980883425 14TH ST LDFL 14TH & MAGNOLIA STS PHOENIX 013 MARICOPA	AZ 85034 01	N	00	DS1 PA1		07/01/84 12/01/87	EPA Fund-Financed State, Fund Financed			N N
AZ6572890022 181ST AREFG AIR NATL GUAR 2001 S 32ND ST PHOENIX 013 MARICOPA	AZ 85034 01	N	00	PA1 DS1		06/10/91 05/01/88	Federal Facilities Federal Facilities			N N
AZD980883417 16TH ST LDFL 16TH & ELWOOD STS PHOENIX 013 MARICOPA	AZ 85034 01	N L L	00	SI1 PA1 PA2 DS1		08/10/89 12/01/87 12/02/88 07/01/84	State, Fund Financed State, Fund Financed EPA Fund-Financed State, Fund Financed			N N N N
AZD980695670 18- ACRE VACANT LOT 51ST AVE & THUNDERBIRD RD PHOENIX 013 MARICOPA	AZ 85031 02	N	00	PA1 DS1		02/01/83 01/01/79	EPA Fund-Financed EPA Fund-Financed			N N



# JALK FEE / MOBIL LEASE PROPERTY

Latitude: 33 56 21 Longitude: 118 3 36.75, SANTA FE SPRINGS, CA



PRODUCED BY: USEPA Region 9, FIRM Branch, GIS Center

DATE: January 08, 1999

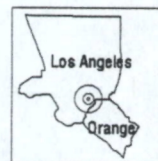
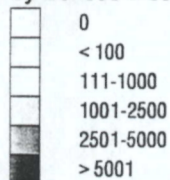
## SOURCES:

Population Density:  
PL94-171, Bureau of the Census, 1990 Census

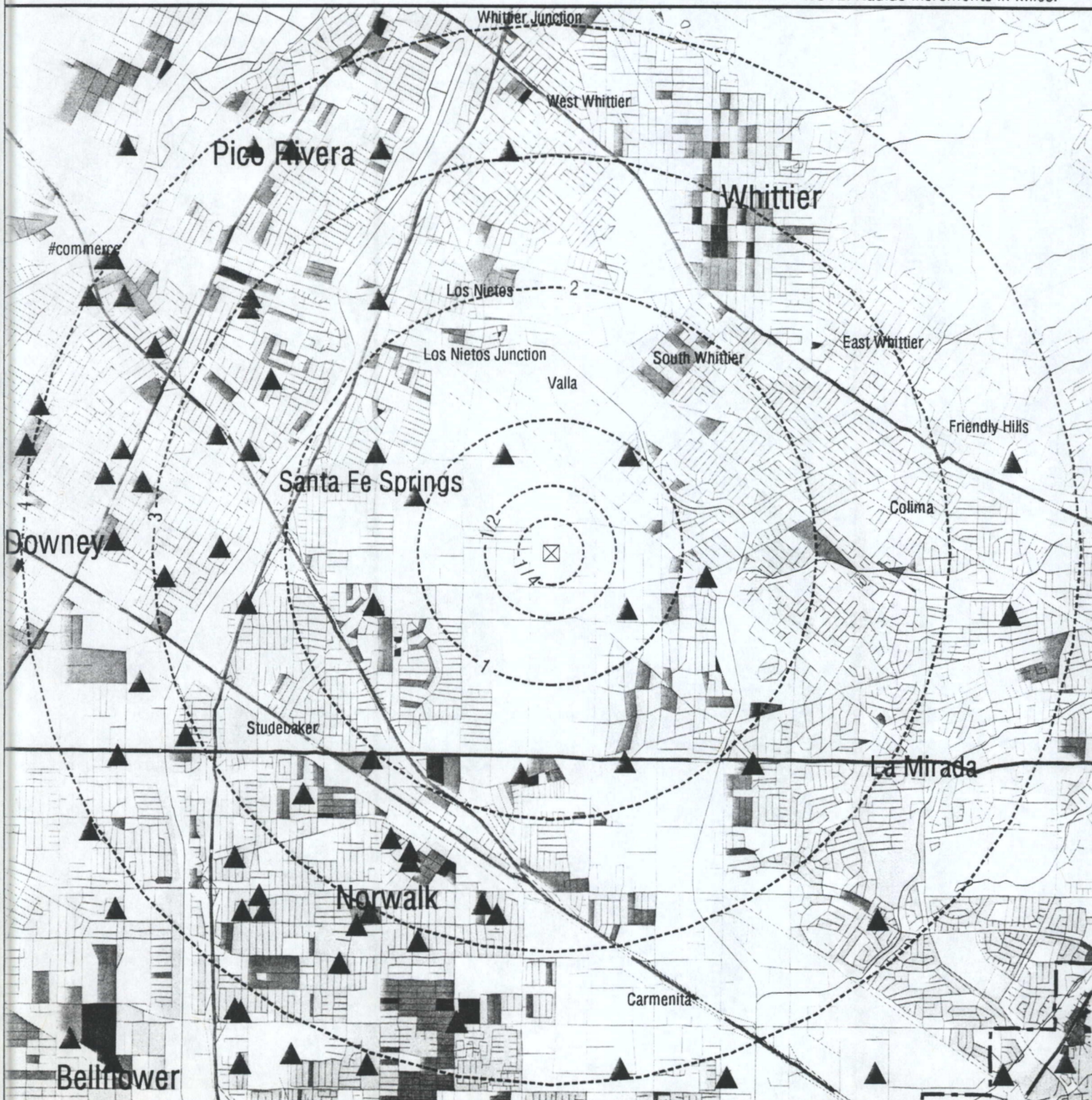
▲ Drinking Water Supply Wells

● Threatened and Endangered Species

Population Density per Square Mile  
by Census Block



NOTE: Radius increments in Miles.





SOIL REMEDIAL ACTION PLAN  
FOR THE JALK FEE, BAKER/HUMBLE,  
AND DEWENTER/JORDAN/GREEN PROPERTIES,  
MOBIL-OPERATED SANTA FE SPRINGS  
OIL FIELD  
SANTA FE SPRINGS, CALIFORNIA

December 21, 1993

Prepared for:

Mobil Exploration and Producing, U.S., Inc.  
10735 South Shoemaker Avenue  
Santa Fe Springs, CA 90670

Prepared by:

McLaren/Hart Environmental Engineering  
16755 Von Karman Avenue  
Irvine, California 92714

This remedial action plan was completed under the direction of a California Registered Geologist.

*Sam Marquis*

Sam Marquis, R.G. 5110, R.E.A. 4972  
Senior Hydrogeologist

G:\M\Mobil\alkrap2.2



# Limited Subsurface Investigation

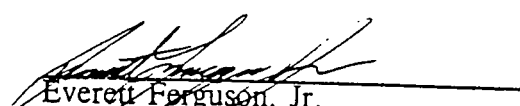
McLaren/Hart Project No. 03.0601382.000

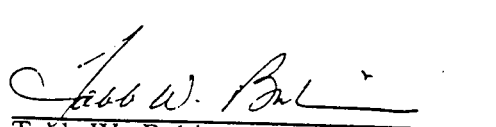
## Tetrachloroethylene (PCE) Impacted Soil at Mobil Jalk Fee Property Santa Fe Springs, California

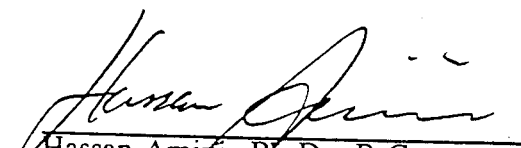
November 15, 1994

Prepared for: Mobil Exploration and Producing U.S. Inc.  
10735 South Shoemaker Avenue  
Santa Fe Springs, California 90670

Prepared by: McLaren/Hart Environmental Engineering Corporation  
16755 Von Karman Avenue  
Irvine, California 92714-4918

  
Everett Ferguson, Jr.  
Assistant Geoscientist

  
Tabb W. Bubier  
Supervising Geoscientist

  
Hassan Amini, Ph.D., R.G.  
Principal Geoscientist

SC  
1/5/98  
Rec'd from  
Chris A. Welsh  
Real Estate Commission  
1301 Oxford  
Newport Beach



Cal/EPA

Department of  
Toxic Substances  
Control

1011 N. Grandview Avenue  
Glendale, CA 91201

December 23, 1996

Pete Wilson  
Governor

James M. Strock  
Secretary for  
Environmental  
Protection

Mr. Tom M. Walker  
Mobil Exploration & Producing  
U.S., Inc.  
10735 South Shoemaker Avenue  
Santa Fe Springs, CA 90670

Dear Mr. Walker:

MOBIL - JALK FEE PROPERTY, 10607 NORWALK BLVD.,  
SANTA FE SPRINGS DOCKET NO. HSA 94/95-024

The Department of Toxic Substances Control (DTSC) has reviewed the submitted reports titled: Preliminary Endangerment Assessment (PEA) Equivalent by McLaren/Hart, dated September 9, 1996 and the Subsurface Soil Investigation by Levine-Fricke, dated December 6, 1991. These reports were submitted to document the hazardous substance characterization and cleanup actions taken at the subject Site. The Site known as the Jalk Fee Property is located at: 10607 Norwalk Boulevard, Santa Fe Springs, California. More specifically, the Site is defined as the 150 foot by 150 foot area of the property formerly known as the "boneyard". The "boneyard" is located in the southwestern corner of the 8.8 acre property. The Site is that small portion of the entire property identified by the Los Angeles County Tax Assessor as Parcel 008, Map No. 025, Book 8009. DTSC did not participate in the development of the workplans for these studies and did not provide field oversight of their implementation.

Pursuant to the information provided, the Site has been used as a gas production site. The reports indicate that soil sampling and analysis were conducted for the chemicals of concern: heavy metals (e.g. lead) and volatile organic compounds (e.g. perchloroethylene).

The contaminant concentrations present at the Site were evaluated pursuant to the PEA screening risk



Printed on Recycled Paper

**SITE ASSESSMENT REPORT AND  
REMEDIAL ACTION PLAN**

October 10, 1997

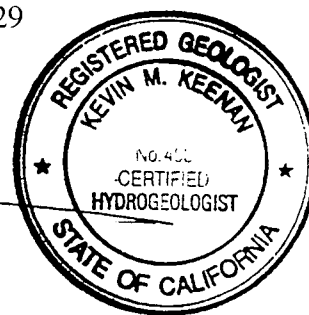
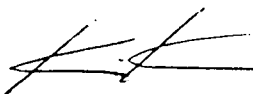
Mobil Jalk Fee Property  
10607 Norwalk Boulevard  
Santa Fe Springs, California

Alton Project No. 23-0134

Prepared For:

MOBIL OIL CORPORATION  
3700 West 190th Street, TPT-2  
Torrance, California 90509-2929

By:



Kevin Keenan, RG, CHG  
Associate, Irvine Operations



John Trompeter, RG  
Associate, Irvine Operations

ALTON GEOSCIENCE  
25 Technology Drive  
Irvine, California 92618

③

# Fire Department CITY OF SANTA FE SPRINGS

HEADQUARTERS FIRE STATION • (562) 944-9713 • FAX (562) 941-1817  
11300 GREENSTONE AVE. • SANTA FE SPRINGS 90670-4619



February 11, 1998

Mr. Greg Holmes, Unit Chief  
Site Mitigation Operations  
Southern California Branch A  
State Department of Toxic Substances Control  
245 W. Broadway, Suite 350  
Long Beach, CA 90802-4444

Dear Mr. Holmes:

**SUBJECT: CONTINENTAL HEAT TREAT, 10643 S. NORWALK BOULEVARD,  
SANTA FE SPRINGS, CA 90670**

**"JALK FEE"/MOBIL LEASE SITE, IMMEDIATELY NORTH OF THE  
CONTINENTAL HEAT TREAT SITE, SANTA FE SPRINGS, CA 90670**

The Santa Fe Springs Fire Department (SFSFD) has completed a preliminary review of data regarding both of the subject sites. Based on this review, the SFSFD has determined that halogenated volatile organic compound (HVOC) and other contamination is present on both of these sites, either in or constituting a significant threat to groundwater, as well as at levels exceeding soil contamination action levels. Cross-parcel soil contamination from the Jalk Fee site appears likely.

There appears to be a need for further assessment to determine the lateral and vertical extent of the contamination. Also, HVOC contamination above the MCL's in microgram quantities is demonstrated in groundwater beneath the Continental Heat Treat facility likely due to historic releases from a former degreasing tank.

In a recent telephone conversation, Steve Chase of the SFSFD discussed these sites with Mr. Joe Cully of your staff, and advised him that referral of these sites to your agency appeared to be appropriate. The sites have also been discussed with a representative of the Los Angeles Regional Water Quality Control Board.

Based on our review of the known data, the SFSFD is therefore referring these sites to your agency for appropriate action. The SFSFD finds reason for great concern regarding actual and potential groundwater threats and high levels of soil contamination posing a potential threat to public health of the citizens of City of Santa Fe Springs as well as in the larger community and asks that your agency expedite all necessary corrective action.

The SFSFD has enclosed a summary of the known data for your convenience, and requests that you keep this agency informed of your actions at these sites.

**REMEDIAL EXCAVATION/  
SITE CLOSURE REPORT**

October 14, 1998

Mobil Jalk Fee Property  
10607 Norwalk Boulevard  
Santa Fe Springs, California

Alton Project No. 23-0134

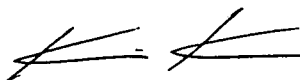
Prepared For:

MOBIL BUSINESS RESOURCES CORPORATION  
3700 West 190th Street, TPT-2  
Torrance, California 90509-2929

By:



Michael Pitta  
Project Geologist



Kevin Keenan, RG, CHG  
Associate, Irvine Operations



ALTON GEOSCIENCE  
25 Technology Drive  
Irvine, California 92618



# California Regional Water Quality Control Board

## Los Angeles Region

**Winston H. Hickox**  
Secretary for  
Environmental  
Protection

101 Centre Plaza Drive, Monterey Park, California 91754-2156  
Phone (323) 266-7500 FAX (323) 266-7600  
Internet Address: <http://www.swrcb.ca.gov/~rwqcb4>



March 1, 1999

Mr. Michael Pitta, Project Geologist  
Alton Geoscience  
25A Technology Drive, Suite 100  
Irvine, CA 92618-2385

### **SITE CLOSURE REPORT FOR MOBIL JALK FEE PROPERTY (MOBIL) - 10607 NORWALK BOULEVARD, SANTA FE SPRINGS (FILE NO. 97-020); SLIC # 203**

Dear Mr. Pitta:

Reference is made to a meeting held at this Board on October 29, 1998, and the submittal of a site closure report, dated October 14, 1998, for the above referenced site. Staff has reviewed the site closure report which summarizes the remedial excavation activities to date and requests site closure.

The site consists of approximately 8.8 acres of undeveloped land located in the southwest portion of an active oil field. This is an oil production facility which has been operating since 1920 with Hataway Company as the current tenant. Four active oil production wells are located along the property boundary of the site. A remedial action plan which was approved by Board staff in June 1998, delineated the extent of total recoverable petroleum hydrocarbon and chlorinated solvent contamination in the soil. Approximately, 2,800 tons of contaminated soil was excavated and removed from the site. The results of confirmation soil sampling indicated that the site has been effectively remediated.

Groundwater beneath the site is impacted with chlorinated solvents. Mobil is a participating member of the North Central Basin Regional Groundwater Group under the oversight of the Board.

Pursuant to recent changes of the California Health and Safety Code and the Porter Cologne Water Quality Control Act (AB 681), the Regional Board is required to notify and request from the current primary or active responsible party, a complete mailing list of all record fee title holders prior to granting case closure or prior to considering corrective action proposed by the primary or active responsible party. Therefore, you are required to provide the name, mailing address, and telephone number for all record fee title holders for the subject property by March 30, 1999. A certified copy of the current grant deed will suffice at this time.

Based on the information provided, and past work completed, we have determined that no further action is necessary for the soil at the subject site. However, you are required to continue with the groundwater monitoring and reporting program as established in March, 1994, as part of an on-going effort to characterize regional chlorinated solvent impacts on shallow groundwater in the City of Santa Fe Springs and the surrounding areas.

**California Environmental Protection Agency**



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BULLETIN NO. 104

PLANNED UTILIZATION OF THE  
GROUND WATER BASINS  
OF THE COASTAL PLAIN OF  
LOS ANGELES COUNTY

APPENDIX A  
GROUND WATER GEOLOGY

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State of  
California

David N. Kennedy  
Director  
Department of  
Water Resources





## TRANSMITTAL LIST FOR PRELIMINARY ASSESSMENT

### Site: Jalk Fee/Mobil Lease Property

Mr. Steve Pao  
Mobil Business Resources Corporation  
Mobil Oil Corporation  
3700 West 190<sup>th</sup> Street, TPT-2  
Torrance, California 90509-2929

Mr. Tom Walker  
Mobil Exploration and Producing U.S., Inc.  
10735 South Shoemaker Avenue  
Santa Fe Springs, California 90670

Mr. Chris Welsh  
Property Manager  
2130 Santiago Drive  
Newport Beach, California 92660

Mr. Michael Pitta  
Project Geologist  
Alton Geoscience  
25 Technology Drive  
Irvine, California 92618

Mr. Dennis Dickerson  
Executive Officer  
Los Angeles Regional Water Quality Control Board  
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Mr. David R. Klunk  
Director of Environmental Services  
City of Santa Fe Springs  
Fire Department  
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Santa Fe Springs, California 90670-4619